

IN THE CLAIMS

Please amend the claims as follows:

1-5 (Cancelled)

6 (Currently Amended): A high-strength aluminum alloy fin material for heat exchangers having high strength and excelling in thermal conductivity, erosion resistance, sag resistance, sacrificial anode effect and self-corrosion resistance, comprising:

~~aluminum,~~

0.8-1.4 wt% of Si,

0.15-0.7 0.55 wt% of Fe,

~~1.8~~ 1.5-3.0 wt% of Mn, and

0.5-2.5 wt% of Zn, and

Mg present as an impurity and limited to at most 0.05 wt%; and the remainder comprises impurities and Al; wherein said aluminum alloy fin material

has a tensile strength before brazing of at most 240 MPa;

a tensile strength after brazing of 150 MPa or more; and

a recrystallized grain size after brazing of 500 μm or more.

7-9 (Cancelled)

10 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein Si is present in an amount of from 0.9 to 1.4 wt%.

11 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein Fe is present in an amount of from 0.17 to ~~0.6~~ 0.55 wt%.

12 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein Mn is present in an amount of from 2.2 to 3.0 wt%.

13 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein Zn is present in an amount of from 1.0 to 1.5 wt%.

14 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, comprising:

aluminum,

0.9-1.4 wt% of Si,

0.15-~~0.7~~ 0.55 wt% of Fe,

1.8-3.0 wt% of Mn,

1.0-1.5 wt% of Zn, and

Mg present as an impurity and limited to at most 0.05 wt%; wherein said aluminum alloy fin material

has a tensile strength before brazing of at most 240 MPa;

a tensile strength after brazing of 150 MPa or more; and

a recrystallized grain size after brazing of 500 μm or more.

15 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein the tensile strength before brazing is from 220-240 MPa.

16 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, wherein the tensile strength after brazing is from 150-166 MPa.

17 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, exhibiting a corrosion current density of from 0.6 to 0.9 $\mu\text{A}/\text{cm}^2$.

18 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, exhibiting a sag of from 12.4 to 18.0 mm.

19 (Currently Amended): The high-strength aluminum alloy fin material according to claim 6, ~~further comprising wherein said~~ impurities ~~which~~ comprises Cu, Cr, Zr, Ti, and V.

20 (Currently Amended): The high-strength aluminum alloy fin material according to claim 19, wherein Cu is present in an amount of at most 0.2 wt%.

21 (Currently Amended): The high-strength aluminum alloy fin material according to claim 19, wherein Cr, Zr, Ti and V are present in an amount of at most 0.20 wt%.

22 (Currently Amended): A high-strength aluminum alloy, operable as a fin material, comprising:

aluminum,

0.8-1.4 wt% of Si,

0.15-0.55 ~~0.7~~ wt% of Fe,

2.2-3.0 wt% of Mn,

0.5-2.5 wt% of Zn, and

less than 0.02 wt% of Mg, present as an impurity; wherein

said aluminum alloy:

has a tensile strength before brazing of at most 240 MPa;

a tensile strength after brazing of 150 MPa or more; and
a recrystallized grain size after brazing of 500 μm or more.

23 (Previously Presented): The high-strength aluminum alloy according to claim 22, wherein Si is present in an amount of from 0.9 to 1.4 wt%.

24 (Currently Amended): The high-strength aluminum alloy according to claim 22, wherein Fe is present in an amount of from 0.17 to 0.55 ~~0.6~~ wt%.

25 (Previously Presented): The high-strength aluminum alloy according to claim 22, wherein Zn is present in an amount of from 1.0 to 1.5 wt%.

26 (Previously Presented): The high-strength aluminum alloy according to claim 22, further comprising impurities which comprises Cu, Cr, Zr, Ti, and V.

27 (Previously Presented): A fin for a heat exchanger comprising the high-strength aluminum alloy according to claim 6.

28 (Withdrawn): A method making a slab, comprising:
pouring a melt comprising the alloy according to claim 22 between water-cooled rotating belts; and
coiling a slab pulled from between said water-cooled rotating belts to form a cast slab.

29 (New): The high-strength aluminum alloy fin material according to claim 6, wherein Mn is present in an amount of from 1.8 to 3.0 wt%.

30 (New): The high-strength aluminum alloy fin material according to claim 6, wherein said recrystallized grain size after brazing is from 2000–5000 μm .

31 (New): The high-strength aluminum alloy to claim 22, wherein said recrystallized grain size after brazing is from 2000–5000 μm .